

1 **WHAT IS CLAIMED IS:**

2 1. A spring detachment device, comprising two fixing seats, a
3 transverse rod, and an operation mechanism, wherein:

4 each of the two fixing seats includes an base, and a threaded rod
5 having a lower end pivotally mounted on the base and an upper end provided
6 with a support block;

7 the transverse rod is mounted between the two fixing seats and has
8 two ends each extended through the support block of a respective one of the
9 two fixing seats; and

10 the operation mechanism is mounted on the transverse rod and
11 includes a movable body movably mounted on the transverse rod, a connection
12 portion rotatably mounted in the movable body and having an upper end
13 protruded outward from a top of the movable body, a socket rotatably mounted
14 on the top of the movable body and having an end secured to the upper end of
15 the connection portion for rotating the connection portion, an auxiliary
16 member rotatably mounted in the movable body and having an upper end
17 secured to a lower end of the connection portion so that the auxiliary member
18 can be rotated by the connection portion, and an operation member having an
19 upper end secured to a lower end of the auxiliary member, so that the operation
20 member can be rotated by the auxiliary member.

21 2. The spring detachment device in accordance with claim 1, wherein
22 the base is substantially U-shaped.

1 3. The spring detachment device in accordance with claim 1, wherein
2 each of the two fixing seats further includes a support rack mounted on and
3 protruded outward from the base.

4 4. The spring detachment device in accordance with claim 3, wherein
5 the support rack of each of the two fixing seats is fixed on an end face of the
6 engine of the automobile by two screw members.

7 5. The spring detachment device in accordance with claim 1, wherein
8 each of the two fixing seats further includes an adjusting block movably
9 mounted on the threaded rod and rested on a top of the base to adjust an
10 inclined angle of the threaded rod.

11 6. The spring detachment device in accordance with claim 1, wherein
12 the movable body is cylindrical shaped.

13 7. The spring detachment device in accordance with claim 1, wherein
14 the movable body has a lower end formed with a circular hole for allowing
15 passage of the transverse rod.

16 8. The spring detachment device in accordance with claim 1, wherein
17 the auxiliary member has a hollow wall for allowing passage of the transverse
18 rod.

19 9. The spring detachment device in accordance with claim 1, wherein
20 the operation mechanism further includes a plurality of auxiliary blocks
21 mounted between the lower end of the auxiliary member and the upper end of

- 1 the operation member to increase the distance between the auxiliary member
- 2 and the operation member.
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